



# Field Service Procedure

Part Number: SP00268

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## **Replacement of Advantech Hardware with 4SYS Medical Grade Workstation**

[RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS](#)  
[RETURN TO CD-ROM TABLE OF CONTENTS](#)

# Replacement of Advantech Hardware with 4SYS Medical Grade Workstation

## Replacement Procedure

This procedure includes instructions for the replacement of Advantech Hardware with 4SYS Medical Grade Workstation.

### Installing the 4SYS Medical Grade Hardware

1. Remove AC power from the Advantech Hardware.

**WARNING:** Before servicing, ensure that AC power is removed from the WPU. Failure to observe this precaution may cause injury by electrical shock.

2. Unplug all cables from the rear of the Advantech Hardware. Take note of removed locations for future reference.
3. Utilizing a #2 Phillips Head screwdriver, remove and retain 3 screws (1) attaching the tilt clamp assembly (2) to the patient arm (3). See Figure 1.
4. Remove and retain 4 Phillips Head screws (4) attaching tilt clamp assembly (5) to L bracket (6). See Figure 2.
5. Remove 3 Phillips Head screws (7) attaching the Patient Arm attachment plate (8) to the tilt clamp assembly (5). Discard items (7) and (8). See Figure 2.
6. Utilizing a T-30 Torx Wrench, loosen (do not remove) two screws (9) located on the back of the tilt clamp. See Figure 3.

7. Flip the tilt clamp (10) from vesa bracket (11) to reposition vesa bracket, ensuring remounting of bracket assembly will allow the open slots (12) on the vesa bracket to be located at the top of assembly. See Figure 3 for correct installation positioning of tilt clamp and vesa bracket.
8. Using 3 screws (13) previously removed in step 3, install tilt clamp assembly (14) onto Patient Arm (15).

**NOTE:** When mounting the tilt clamp assembly to the patient arm, ensure the open slots (12) on the vesa bracket portion of the tilt clamp assembly are located at the top.

**CAUTION:** The 4SYS Medical Grade Workstation is extremely delicate. Use extreme care when handling the Workstation.

9. Using the 4 screws removed in step 4, (16) install the 4SYS Medical grade workstation (17) onto the tilt clamp assembly (18). See Figure 4.
10. Disconnect all cables routed from the Isolation Transformer and the Uninterrupted Power Supply located on the right side of the machine.

## Replacement Procedure



**Figure 1. Tilt Clamp Assembly Removal**

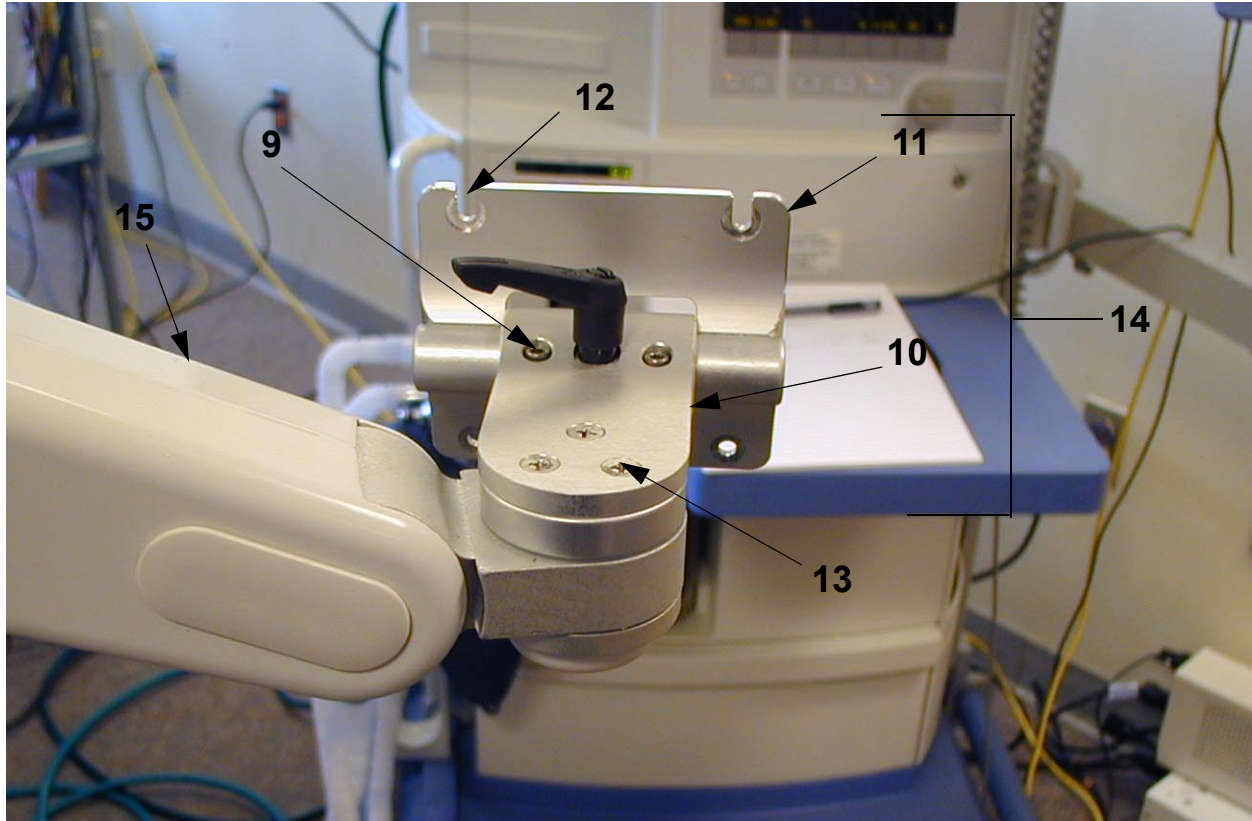
## Replacement Procedure



**Figure 2. Tilt Clamp Assembly Modification**

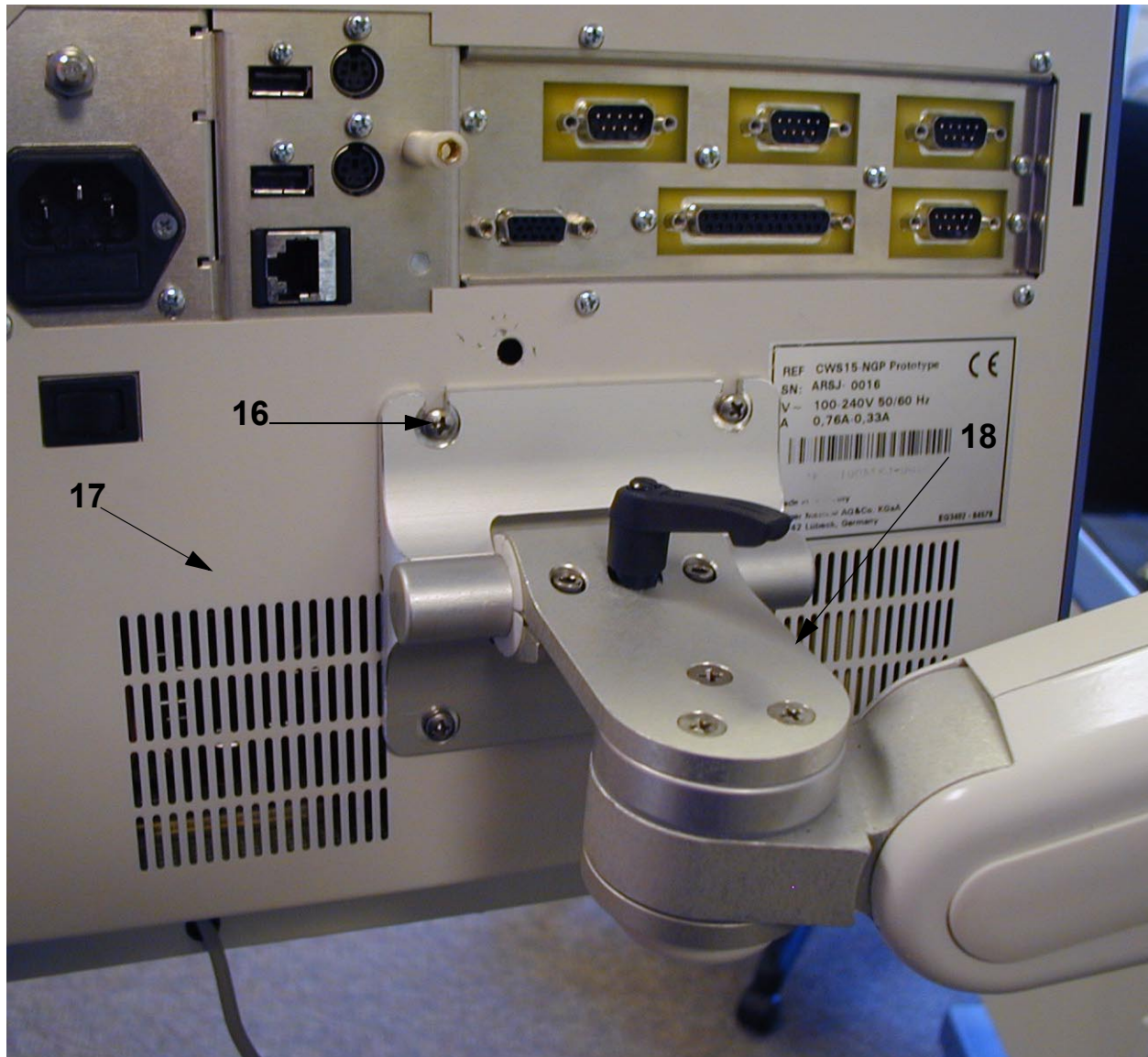


## Replacement Procedure



**Figure 3. Tilt Clamp Assembly and Vesa Bracket Installation**

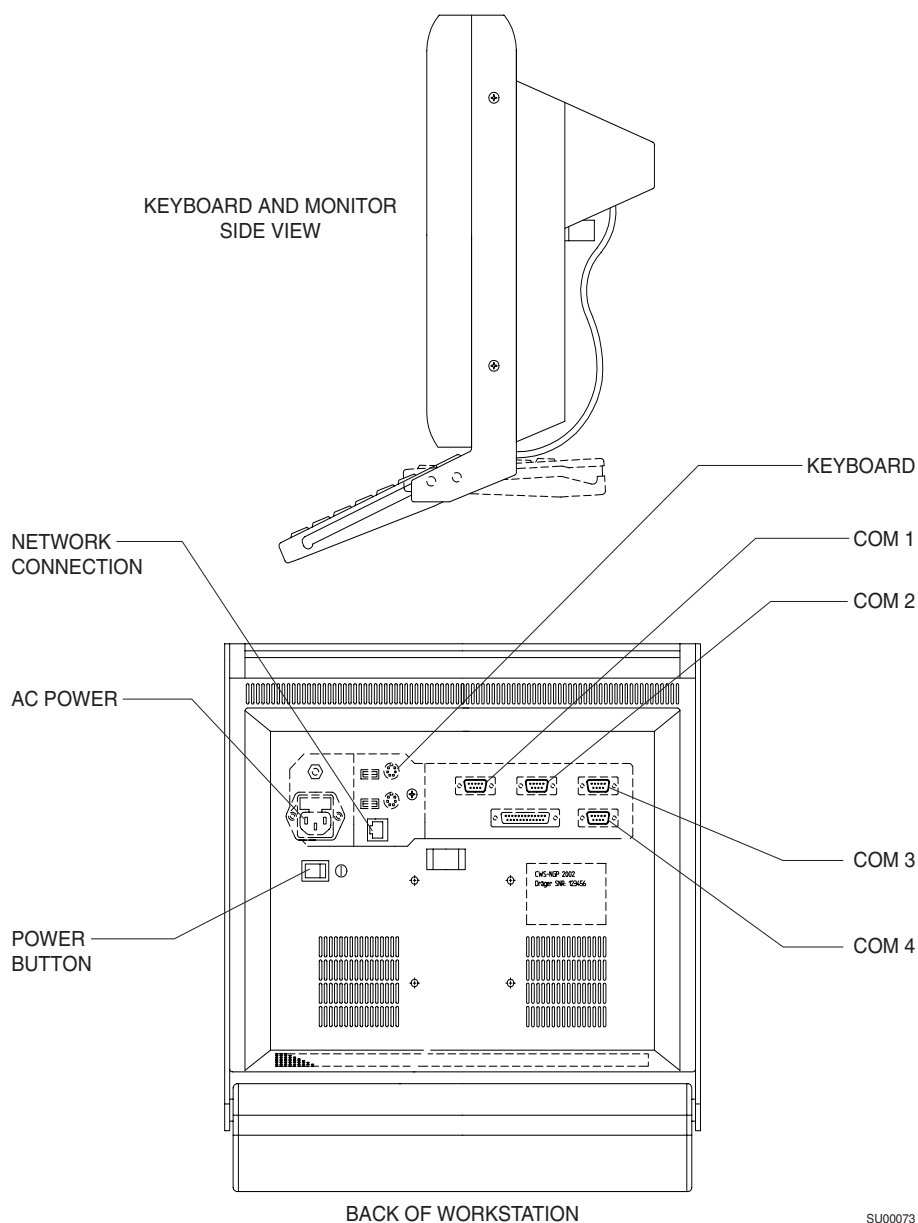
## Replacement Procedure



**Figure 4. 4SYS Medical Grade Workstation Installation**

## Replacement Procedure

11. Remove and discard the Isolation Transformer and the Uninterrupted Power Supply by sliding them off the top of the GCX rail.
12. Reconnect all cables to the rear of the 4SYS Medical Grade Workstation. Refer to Figure 5 for labeled connection diagram.
13. Proceed with application install. For additional support, contact Saturn Support.



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**Figure 5. 4SYS Medical Grade Workstation Cable Connections**



[RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS](#)  
[RETURN TO CD-ROM TABLE OF CONTENTS](#)

RETURN TO SERVICE PROCEDURE TABLE OF CONTENTS  
RETURN TO CD-ROM TABLE OF CONTENTS

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